

RAW SEQUENCE LISTING

Date: 19/09/2006 US: 09/410,806A

Date: 19/09/2006

Time: 11:28:41

Input File: At: 430806A.txt
Output Set: N1_CRF3_10202000_430806A.raw

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117 Arg Arg Glu Glu Ser Ala Cys Ile Gly Gly Pro Pro Asp Ala Lys Leu
118 245 252
119 Asp Glu Leu Glu Ser Asp Phe Thr Ile Val Ala Glu Ser Leu Glu Glu
120 260 265
121 Val Arg Glu Glu Leu Lys Lys Ile Glu Glu Leu Glu Glu Lys Thr Thr
122 265 280
123 Arg Glu Pro Cys Met Pro Thr His Pro Glu Arg Pro Leu Val Lys Asp Arg
124 285 300
125 Thr Gly Val Glu Phe Thr Val Lys Leu Arg Leu Leu Val Lys Leu Glu
126 305 320
127 Glu Leu Asp Tyr Asp Leu Lys Val Lys Val Leu Phe Asp Lys Asp Val
128 325 340
129 Asn Glu Arg Asn Thr Val Lys Glu Phe Arg Lys Phe Asn Ile Leu Gly
130 345 360
131 Thr His Thr Lys Val Met Asn Met Glu Glu Ser Thr Asn Gly Ser Leu
132 365 380
133 Ala Ala Glu Phe Arg His Leu Glu Lys Lys Glu Glu Lys Asn Ala Gly
134 385 400
135 Thr Arg Thr Asn Glu Gly Pro Leu Ile Val Thr Glu Glu Leu His Ser
136 405 420
137 Leu Ser Phe Glu Thr Glu Asn Cys Glu Pro Gly Leu Val Ile Asp Leu
138 425 440
139 Glu Thr Thr Ser Leu Pro Val Val Val Ile Ser Asn Val Ser Glu Leu
140 445 460
141 Pro Ser Gly Trp Ala Ser Ile Leu Trp Tyr Asn Met Leu Val Ala Glu
142 465 480
143 Pro Arg Asn Leu Ser Phe Asn Leu Thr Pro Pro Cys Ala Arg Trp Ala
144 485 500
145 Glu Leu Ser Glu Val Leu Ser Trp Glu Phe Ser Ser Val Thr Lys Arg
146 505 520
147 Gly Leu Asn Val Asp Glu Leu Asn Met Leu Gly Glu Lys Leu Leu Gly
148 525 540
149 Pro Asn Ala Ser Pro Asp Glu Leu Ile Pro Trp Thr Arg Phe Cys Lys
150 545 560
151 Glu Asn Ile Asn Asp Lys Asn Phe Pro Phe Trp Leu Trp Ile Glu Ser
152 565 580
153 Ile Leu Glu Leu Ile Lys Lys His Leu Leu Pro Leu Trp Asn Arg Gly
154 585 600
155 Cys Ile Met Gly Phe Ile Ser Lys Glu Arg Glu Arg Ala Leu Leu Lys
156 605 620
157 Asp Glu Glu Pro Gly Thr Phe Leu Leu Arg Phe Ser Glu Ser Ser Arg
158 625 640
159 Glu Gly Ala Ile Thr Phe Thr Trp Val Glu Arg Ser Glu Asn Gly Gly
160 645 660
161 Glu Pro Asp Phe His Ala Val Glu Pro Tyr Thr Lys Lys Glu Leu Ser

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Input Set: A:\430806A.txt
Output Set: N:\CFR3\10202000\I430806A.raw

[illegible]

RAW SEQUENCE LISTING

PATENT APPLICATION US 09/410,806A

DATE: 10/20/2000
FILE: 143811

Input Seq: Ar430806A.txt

Output Seq: Ncrf3_10202000_1430806A.raw

```

144 225      30      35
148 Arg Arg Gln Gln Ser Ala Cys Ile Gly Gly Ile Pro Asn Ala C S Leu
149      40      45
150      50
154 Asp Cln Iou Gln Asn Tip Phe Thr Ile Val Ala Cln Ser Leu Gln Gln
155      55      60
156      65
159 Val Arg Gln Gln Leu Ser Lys Leu Gln Gln Leu Cln Gln Lys Tyr Thr
160      65      70
162      75      80
166 Thr Cln His Asp Pro Ile Thr Lys Ala Lys Gln Val Leu Tip Asp Ala
167      80      85
168      90
172 Thr Phe Ser Leu Pro Cln Gln Leu Ile Gln Ser Ser Phe Val Val Gln
173      95      100
174 305      110      115
178 Arg Gln Pro C S Met Pro Thr His Pro Gln Arg Pro Leu Val Leu Lys
179      120      125
182      130
186 Thr Gly Val Gln Phe Thr Val Lys Leu Arg Leu Leu Val Lys Leu Gln
187      135      140
188      145
192 Gln Leu Asn Tyr Asn Leu Lys Val Lys Val Leu Phe Asp Lys Asn Val
193      150      155
194      160
198 Asn Gln Arg Asn Thr Val Leu Glu Pro Arg Lys Phe Asn Ile Leu Gly
199      165      170
202      175
206 Thr His Thr Lys Val Met Asn Met Gln Gln Ser Thr Asn Gly Ser Leu
207      180      185
211 385      190      195
214 Ala Ala Cln Phe Arg His Leu Gln Leu Lys Gln Gln Lys Asn Ala Gly
215      200      205
218      210
222 Thr Arg Thr Asn Gln Gly Pro Leu Ile Val Thr Cln Gln Leu His Ser
223      215      220
226      225
230 Leu Ser Phe Gln Thr Gln Leu Cys Gln Pro Gly Leu Val Ile Asp Leu
231      230      235
234      240
238 Gln Thr Thr Ser Leu Pro Val Val Val Ile Ser Asn Val Ser Gln Leu
239      245      250
242      255
246 Pro Ser Gly Trp Ala Ser Ile Leu Trp Tyr Asn Met Leu Val Ala Gln
247      260      265
251 465      270      275
254 Pro Arg Asn Leu Ser Phe Phe Leu Trp Pro Pro Cys Ala His Trp Ala
255      280      285
258      290
262 Gln Leu Ser Gln Val Leu Ser Tip Cln Phe Ser Ser Val Thr Ile Met
263      295      300
266      305
270 Gly Leu Asn Val Asp Cln Leu Asn Met Leu Gly Gln Lys Leu Leu Gly
271      310      315
274      320
278 Pro Asn Ala Ser Pro Asp Gly Leu Ile Pro Tip Thr Arg Phe Cln Lys
279      325      330
282      335
286 Gln Asn Ile Asn Asp Lys Asn Phe Pro Phe Trp Leu Trp Ile Cln Ser
287      340      345
291 345      350      355
294 Ile Leu Cln Leu Ile Lys Lys His Leu Leu Pro Leu Trp Asn Asp Gly
295      360      365
298      370
302 Cys Ile Met Gly Phe Ile Ser Lys Cln Arg Gln Arg Ala Leu Leu Lys
303      375      380
306      385
310 Asp Gln Cln Pro Gly Thr Phe Leu Leu Arg Phe Ser Gln Ser Ser Arg
311      390      395
314      400
318 Gln Gly Ala Ile Thr Phe Thr Trp Val Cln Arg Ser Gln Asn Gly Gly
319      405      410
322      415

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RAW SEQUENCE LISTING

IDENTIFICATION: US/69/410,806A

DATE: 12/02/2000

TIME: 11:21

Input: Seq = A:\430806A.TXT

Output: Seq = N:\CRF3\10202000\1430806A.FAW

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101 Gln Thr Arg Phe His Ala Val Glu Ile Thr Thr Lys Lys Asp Leu Arg
102 415 430 445 460 475 490
103 Asp Ala Val Thr Phe Pro Asp Ile Thr Ala Thr Thr Ser Val Met Arg Ala
104 505 520 535 550 565 580
105 Ile Ala Ile Pro Glu Asp Pro Leu Thr Thr Thr Thr Thr Thr Thr Thr
106 595 610 625 640 655 670 685 700
107 Lys Asp His Ala Thr Thr Thr Thr Thr Thr Thr Thr Thr Thr Thr Thr
108 715 730 745 760 775 790 805 820 835 850
109 Gln Pro Met Glu Leu Asp Ile Pro Thr Gly Thr Glu Thr Thr Thr Thr
110 865 880 895 910 925 940 955 970 985 1000
111 Gln Leu Ile Ser Val Ser Glu Val
112 1015 1030 1045 1060 1075 1090 1105 1120 1135 1150
113 Gln Gln Gln Ile Gln
114 1165 1180 1195 1210 1225 1240 1255 1270 1285 1300
115 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
116 1315 1330 1345 1360 1375 1390 1405 1420 1435 1450
117 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
118 1465 1480 1495 1510 1525 1540 1555 1570 1585 1600
119 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
120 1615 1630 1645 1660 1675 1690 1705 1720 1735 1750
121 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
122 1765 1780 1795 1810 1825 1840 1855 1870 1885 1900
123 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
124 1915 1930 1945 1960 1975 1990 2005 2020 2035 2050
125 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
126 2065 2080 2095 2110 2125 2140 2155 2170 2185 2200
127 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
128 2215 2230 2245 2260 2275 2290 2305 2320 2335 2350
129 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
130 2365 2380 2395 2410 2425 2440 2455 2470 2485 2500
131 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
132 2515 2530 2545 2560 2575 2590 2605 2620 2635 2650
133 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
134 2665 2680 2695 2710 2725 2740 2755 2770 2785 2800
135 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
136 2815 2830 2845 2860 2875 2890 2905 2920 2935 2950
137 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
138 2965 2980 2995 3010 3025 3040 3055 3070 3085 3100
139 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
140 3115 3130 3145 3160 3175 3190 3205 3220 3235 3250
141 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
142 3265 3280 3295 3310 3325 3340 3355 3370 3385 3400
143 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
144 3415 3430 3445 3460 3475 3490 3505 3520 3535 3550
145 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
146 3565 3580 3595 3610 3625 3640 3655 3670 3685 3700
147 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
148 3715 3730 3745 3760 3775 3790 3805 3820 3835 3850
149 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
150 3865 3880 3895 3910 3925 3940 3955 3970 3985 4000
151 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
152 4015 4030 4045 4060 4075 4090 4105 4120 4135 4150
153 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
154 4165 4180 4195 4210 4225 4240 4255 4270 4285 4300
155 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
156 4315 4330 4345 4360 4375 4390 4405 4420 4435 4450
157 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
158 4465 4480 4495 4510 4525 4540 4555 4570 4585 4600
159 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
160 4615 4630 4645 4660 4675 4690 4705 4720 4735 4750
161 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
162 4765 4780 4795 4810 4825 4840 4855 4870 4885 4900
163 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
164 4915 4930 4945 4960 4975 4990 5005 5020 5035 5050
165 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
166 5065 5080 5095 5110 5125 5140 5155 5170 5185 5200
167 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
168 5215 5230 5245 5260 5275 5290 5305 5320 5335 5350
169 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
170 5365 5380 5395 5410 5425 5440 5455 5470 5485 5500
171 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
172 5515 5530 5545 5560 5575 5590 5605 5620 5635 5650
173 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
174 5665 5680 5695 5710 5725 5740 5755 5770 5785 5800
175 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
176 5815 5830 5845 5860 5875 5890 5905 5920 5935 5950
177 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
178 5965 5980 5995 6010 6025 6040 6055 6070 6085 6100
179 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
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181 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
182 6265 6280 6295 6310 6325 6340 6355 6370 6385 6400
183 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
184 6415 6430 6445 6460 6475 6490 6505 6520 6535 6550
185 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
186 6565 6580 6595 6610 6625 6640 6655 6670 6685 6700
187 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
188 6715 6730 6745 6760 6775 6790 6805 6820 6835 6850
189 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
190 6865 6880 6895 6910 6925 6940 6955 6970 6985 7000
191 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
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193 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
194 7165 7180 7195 7210 7225 7240 7255 7270 7285 7300
195 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
196 7315 7330 7345 7360 7375 7390 7405 7420 7435 7450
197 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
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199 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
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207 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
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209 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
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221 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
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257 Gln Gln Gln Ile Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
258 11965 11980 12000

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VERIFICATION SUMMARY

FBI IDENTIFICATION US/09/430,806A

REF: 10/20/00

FILE: 10/20/00

Input File: A:\430806a.txt

Output File: N:\CRF3\10202000\1430806A.raw